

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11 (Cancelled)

12. (Currently amended) A method of setting up a dispatch call to a target mobile communication device over a code division multiple access (CDMA) air interface, comprising:
receiving a page notification from a fixed equipment network at the target mobile communication device, the page notification including a dispatch notification;
transmitting a page response, including a pilot power measurement; and
if the pilot power measurement indicates a power level above a preselected threshold,
~~setting up a traffic channel between the target mobile communication device and the fixed equipment network transmitting a talk permission message to an originating CDMA mobile communication device from the fixed equipment network.~~

13. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 12, further comprising:
prior to receiving the page notification at the target mobile communication device:
scanning the pilot signal of at least one serving cell in the vicinity of the target mobile communication device;
determining a strongest pilot signal and a serving cell corresponding to the strongest pilot signal; and
scanning a paging channel of the serving cell corresponding to the strongest pilot signal.

14. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 12, wherein the method is performed concurrently with fixed

equipment network setting up a call path between an originating device and the fixed equipment network.

15. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 14, wherein the setting up the call path between an originating device and the fixed equipment network comprises setting up the call path between an originating mobile communication device and the fixed equipment network.

16. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 14, wherein the setting up the call path between an originating device and the fixed equipment network comprises setting up the call path between an originating CDMA mobile communication device and the fixed equipment network.

17. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 14, wherein the setting up the call path between an originating device and the fixed equipment network comprises setting up the call path between a computer and the fixed equipment network.

18. (Currently amended) A method of setting up a dispatch call between an originating code division multiple access (CDMA) mobile communication device and a target CDMA mobile communication device, comprising:

transmitting a dispatch call origination message from the originating CDMA mobile communication device to a fixed equipment network over a CDMA channel, the dispatch call origination message containing a target identifier corresponding to the target CDMA mobile communication device;

in response to the transmitting, initiating the set up of a traffic channel between the originating CDMA mobile communication device and the fixed equipment network;

paging the target CDMA mobile communication device and from the fixed equipment network; and

~~wherein initiating the set up of a traffic channel and paging the target CDMA mobile communication device are performed concurrently.~~

receiving a page response from the target CDMA mobile communication device at the fixed equipment network, the page response including a pilot power measurement made by the CDMA mobile communication device; and

in response to transmitting the page response, transmitting a talk permission message to the originating CDMA mobile communication device from the fixed equipment network.

19. (Cancelled)

20. (Original) A method of setting up a dispatch call as defined by claim 19, wherein the talk permission message is transmitted to the originating CDMA mobile communication device before the traffic channel between the originating CDMA mobile communication device and the fixed equipment network is set up, the method further comprising:

alerting a user of the originating CDMA mobile communication device to begin speaking; and

buffering the speech in the originating CDMA mobile communication device until the traffic channel between the originating CDMA mobile communication device and the fixed equipment network is established; and

transmitting the buffered speech to the target CDMA mobile communication device over the fixed equipment network.

21. (New) A method of setting up a dispatch call to a target mobile communication device as defined in claim 12, further comprising setting up a traffic channel between the target mobile communication device and the fixed equipment network according to a retransmission protocol to allow retransmission of data packets over the traffic channel.

22. (New) A method of setting up a dispatch call as defined in claim 18, wherein initiating the set up of the traffic channel between the originating CDMA mobile communication device and the fixed equipment network comprises setting up a communication link according to a retransmission protocol to allow retransmission of data packets over the traffic channel.

23. (New) A method of setting up a dispatch call as defined in claim 18, further comprising, in response to receiving the page response from the target CDMA mobile communication device, setting up a call path between the target CDMA mobile communication device and the fixed equipment network.

24. (New) A method of setting up a dispatch call as defined in claim 23, wherein setting up the call path between the target CDMA mobile communication device and the fixed equipment network comprise:

routing the dispatch call origination message from a base site to a dispatch agent component of the fixed equipment network;

determining a network location of the target CDMA mobile communication device at the dispatch agent;

paging the target CDMA mobile communication device at the network location with an incoming dispatch call message; and

responding to the incoming dispatch call message, performed by the target CDMA mobile communication device.

25. (New) A method of setting up a dispatch call as defined in claim 24, wherein the step of routing the dispatch call origination message from a base site to a dispatch agent component comprises the steps of routing the dispatch call origination message from a base site to one of a first dispatch agent and a second dispatch agent.

26. (New) A method of setting up a dispatch call as defined in claim 25 wherein the first dispatch agent is located within a mobile switching center.

27. (New) A method of setting up a dispatch call as defined in claim 25 wherein the second dispatch agent is not located within a mobile switching center.